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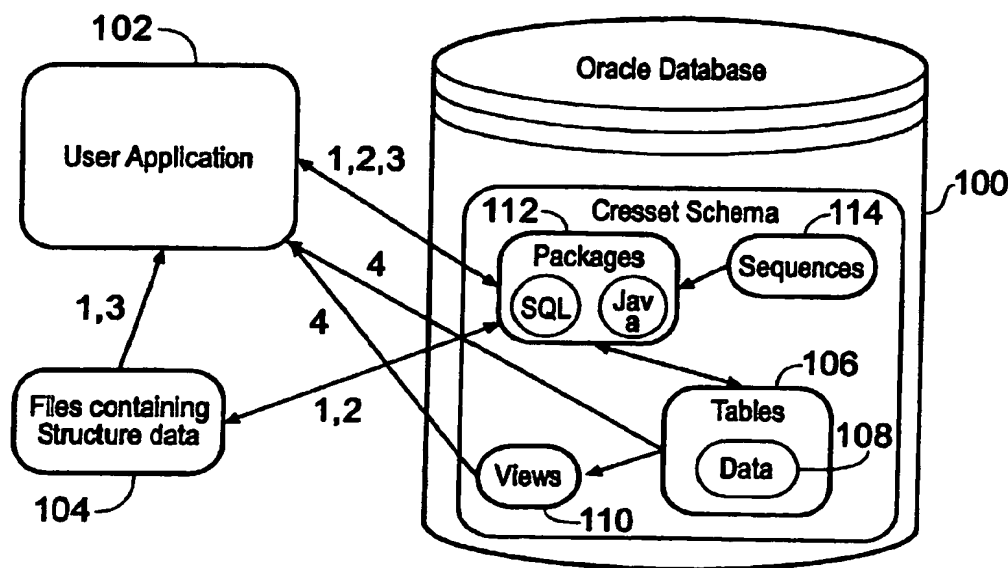
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(54) Title: SEARCHABLE MOLECULAR DATABASE



(57) Abstract: A computer system comprising a database (100) having a plurality of records is provided. Each record comprises a filed point representation representing field extrema for a conformation of a chemical structure. The database may include records for multiple conformations of the same chemical structure. Each record can have a searchable index of the filed point representation. In one embodiment the index is bit string. An indexing mechanism for generating an index, a searching mechanism for searching the database and a graphical user interface to enable a user to interface with the database (100) are also provided.



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European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
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A. CLASSIFICATION OF SUBJECT MATTER

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Minimum documentation searched (classification system followed by classification symbols)

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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	GB 2 317 030 A (XENOVA LTD) 11 March 1998 (1998-03-11) page 4, line 9 - line 11 page 7, line 24 - line 29 page 8, line 35 - page 9, line 15 page 11, line 6 - line 11 --- -/--	1-7, 20, 24-31 8-19, 21-23, 32-43

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